

Art Unit: \*\*\*

CLAIMS PTO

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Claim 1 (Previously presented): A method for arranging search results comprising:  
capturing sales information associated with a document, wherein the document was  
returned in a search result set formed in response to a search term;  
determining relative responsiveness, compared with other members of the search result  
set, of the document to the search term based on the sales information and on a position of the  
document in an ordering of the search result set;  
generating a score for association with the document reflecting the relative  
responsiveness of the document to the search term; and  
using the score to affect a response to a subsequent search.

2. (Original) The method of claim 1, wherein said score is applied to effect placement  
of said document within a listing order of said search result set.

Claim 3 (Previously presented): The method of claim 1, wherein the subsequent search uses  
the search term, and the response includes a search result set, the ordering thereof affected by use of  
the score

4. (Original) The method of claim 1, further comprising the step of:  
c) adjusting said score to account for positioning of said document within a listing  
order of said search result set.

Claim 5 (Previously presented): The method claim 1, further comprising adjusting the score  
to account for a specific knowledge of the document.

Claim 6 (Previously presented): The method claim 1, further comprising adjusting the score  
to account for a specific knowledge of the search term.

Claim 7 (Previously presented): The method of claim 1, further comprising applying the  
score in conjunction with a text relevancy score, a paid inclusion score, or a paid sponsorship score.

Art Unit: \*\*\*

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Claim 8 (Currently amended): The method of claim 1, wherein said document ~~[[is]]~~ includes a product page.

Claim 9 (original): The method of claim 1, wherein said document is a catalog page.

Claim 10 (original): The method of claim 9, wherein said catalog page represents a display page for a product that displays a plurality of merchants who are offering said product.

Claim 11 (original): The method of claim 10, wherein said catalog page also displays pricing information for said product by said plurality of merchants.

Claim 12 (Previously presented): The method of claim 1, wherein the relative responsiveness of the document to the search term accounts for at least one sales type.

Claim 13 (original): The method of claim 12, wherein said at least one sales type comprises a preferred merchant sales type that represents sales made with a preferred merchant.

Claim 14 (original): The method of claim 12, wherein said at least one sales type comprises a non-preferred merchant sales type that represents sales made with a non-preferred merchant.

Claim 15 (original): The method of claim 12, wherein said at least one sales type comprises a related search preferred merchant sales type that represents sales made with a preferred merchant from a related search.

Claim 16 (original): The method of claim 12, wherein said at least one sales type comprises a catalog sales type that represents sales made with a catalog page.

Claim 17 (original): The method of claim 16, wherein said catalog page represents a display page for a product that displays a plurality of merchants who are offering said product.

Art Unit: \*\*\*

Claim 18 (original): The method of claim 12, wherein said at least one sales type comprises a related search catalog sales type that represents sales made with a catalog page from a related search.

Claim 19 (original): The method of claim 12, wherein said at least one sales type comprises a mapped catalog sales type that represents sales of a product that is associated with a catalog page.

Claim 20 (original): The method of claim 12, wherein said at least one sales type comprises a related search mapped catalog sales type that represents sales of a product that is associated with a catalog page from a related search.

Claim 21 (Previously presented): The method of claim 7, further comprising applying a usage function to said score.

Claim 22 (Previously presented): The method of claim 12, further comprising computing a configuration parameter for each of said at least one sales type, wherein said score is generated in accordance with said configuration parameter and said at least one sales type.

Claim 23 (original): The method of claim 22, wherein said score is generated in accordance with:

$$\text{HotScore}_{k,p} = \sum (\alpha_{k,t,T(t)} C_{k,p,t})$$

where  $C_{k,p,t}$  is a number of said at least one sales type  $t$ 's occurrence for said search term  $k$  on said document  $p$ , and  $\alpha_{k,t,T(t)}$  is said configuration parameter.

Art Unit: \*\*\*

Claim 24 (Currently amended): A computer readable medium encoded with computer readable program code, the program code comprising:

instructions for obtaining sales information associated with a document, the document returned in a search result set having a plurality of members, the search result set formed in response to a provided search term;

instructions for estimating responsiveness of the document to the search term based on the sales information and on a position of the document in an ordering of the plurality of members of the search result set; and

instructions for generating a score for association with the document reflecting the responsiveness of the document to the search term.

~~computer-readable-medium having stored thereon a plurality of instructions, the plurality of instructions including instructions which, when executed by a processor, cause the processor to perform the steps comprising of: a) gathering sales information associated with said document; and b) generating a score for said document, wherein said score is generated in accordance with said sales information.~~

Claim 25 (Currently amended): The computer-readable medium of claim 24, further comprising instructions for affecting wherein the [[said]] score is applied to effect placement of said document within a listing order of a [[said]] search result set returned in response to subsequent entry of the search term.

Claim 26-27 (Cancelled)

Claim 28 (Currently amended): The computer-readable medium claim 24, further comprising further comprising instructions for the step of: c) adjusting the [[said]] score to account

26. (Original) The computer-readable medium of claim 24, further comprising the step of:

c) adjusting said score to account for passage of time.

27. (Original) The computer-readable medium of claim 24, further comprising the step of:

c) adjusting said score to account for positioning of said document within a listing order of said search result set.

Art Unit: \*\*\*

for a specific knowledge of said document.

Claim 29 (Currently amended): The computer-readable medium claim 24, further comprising instructions for the step of adjusting the ~~[[said]]~~ score to account for a specific knowledge of said search term.

**Claim 30 (Currently amended):** The computer-readable medium of claim 24, further comprising instructions for the step of: applying the [[said]] score in conjunction with a text relevancy score, a paid inclusion score, or a paid sponsorship score.

Claim 31 (original): The computer-readable medium of claim 24, wherein said document is a product.

Claim 32 (original): The computer-readable medium of claim 24, wherein said document is a catalog page.

Claim 33 (original): The computer-readable medium of claim 32, wherein said catalog page represents a display page for a product that displays a plurality of merchants who are offering said product.

Claim 34 (original): The computer-readable medium of claim 33, wherein said catalog page also displays pricing information for said product by said plurality of merchants.

Claim 35 (Currently amended): The computer-readable medium of claim 24, wherein the instructions for generating said generating step b) are operable to generate generates a score for said document in accordance with at least one sales type.

Claim 36 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a preferred merchant sales type that represents sales made with a preferred

Art Unit: \*\*\*

merchant.

Claim 37 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a non-preferred merchant sales type that represents sales made with a non-preferred merchant.

Claim 38 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a related search preferred merchant sales type that represents sales made with a preferred merchant from a related search.

Claim 39 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a catalog sales type that represents sales made with a catalog page.

Claim 40 (original): The computer-readable medium of claim 38, wherein said catalog page represents a display page for a product that displays a plurality of merchants who are offering said product.

Claim 41 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a related search catalog sales type that represents sales made with a catalog page from a related search.

Claim 42 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a mapped catalog sales type that represents sales of a product that is associated with a catalog page.

Claim 43 (original): The computer-readable medium of claim 35, wherein said at least one sales type comprises a related search mapped catalog sales type that represents sales of a product that is associated with a catalog page from a related search.

Art Unit: \*\*\*

Claim 44 (Currently amended): The computer-readable medium of claim 30, further comprising instructions for the step of: d) applying a usage function to the [[said]] score.

Claim 45 (Currently amended): The computer-readable medium of claim 35, further comprising instructions for the step of: e) computing a configuration parameter for each of said at least one sales type, wherein said score is generated in accordance with said configuration parameter and said at least one sales type.

Claim 46 (original): The computer-readable medium of claim 45, wherein said score is generated in accordance with:

$$\text{Hotscore}_{k,p} = \sum (\alpha_{k,t,T(t)} C_{k,p,t})$$

where  $C_{k,p,t}$  is a number of said at least one sales type  $t$ 's occurrence for said search term  $k$  on said document  $p$ , and  $\alpha_{k,t,T(t)}$  is said configuration parameter.

Claim 47 (Currently amended): A computer readable medium encoded with computer readable program code, the program code comprising:

Art Unit: \*\*\*

~~An apparatus for scoring search results comprising:~~

~~instructions~~logic-operable to obtain sales information associated with a document,  
wherein the document was returned in a search result set formed in response to a  
search term;

~~instructions~~logic-operable to determine relative responsiveness, compared with other  
members of the search result set, of the document to the search term based on the  
sales information and on a position of the document in an ordering of the search  
result set; and

~~instructions~~logic-operable to generate a score for association with the document reflecting  
the relative responsiveness of the document to the search term.

Claim 48 (Currently amended): The computer readable medium-apparatus of claim 47,  
wherein said score is applied to affect an ordering of the search result set in response to at least one  
subsequent search using the search term.

Claim 49 (Currently amended): The computer readable medium-apparatus of claim 47,  
further comprising: instructions[[logic]] for adjusting said score to account for passage of time.

Claim 50 (Currently amended): The computer readable medium-apparatus of claim 47,  
further comprising: instructions[[logic]] for adjusting said score to account for positioning of said  
document within a listing order of said search result set.

Claim 51 (Currently amended): The computer readable medium-apparatus claim 47, further  
comprising: instructions[[logic]] for adjusting said score to account for a specific knowledge of said  
document.

Claim 52 (Currently amended): The computer readable medium-apparatus claim 47, further  
comprising: instructions[[logic]] for adjusting said score to account for a specific knowledge of said  
search term.



Art Unit: \*\*\*

Claim 53 (Currently amended): The computer readable medium-apparatus of claim 47, further comprising: instructions[[logic]] for applying said score in conjunction with a text relevancy score, a paid inclusion score, or a paid sponsorship score.

Claim 54 (Currently amended): The computer readable medium-apparatus of claim 47, further comprising: instructions[[logic]] for applying a usage function to said score.

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55. A method for generating a score for a document, wherein said document is listed within a search result set in response to a search term, said method comprising the steps of:

Art Unit: \*\*\*

30

- a) gathering click information associated with said document; and
- b) generating a score for said document, wherein said score is generated in accordance with said click information.

5 56. The method of claim 55, wherein said score is applied to effect placement of said document within a listing order of said search result set.

57. The method of claim 55, further comprising the step of:  
c) adjusting said score to account for passage of time.

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58. The method of claim 55, further comprising the step of:  
c) adjusting said score to account for positioning of said document within a listing order of said search result set.

15 59. The method claim 55, further comprising the step of:  
c) adjusting said score to account for a specific knowledge of said document.

20 60. The method claim 55, further comprising the step of:  
c) adjusting said score to account for a specific knowledge of said search term.

25 61. The method of claim 55, further comprising the step of:  
c) applying said score in conjunction with a text relevancy score, a paid inclusion score, or a paid sponsorship score.

62. The method of claim 55, wherein said document is a product.

63. The method of claim 55, wherein said document is a catalog page.

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64. The method of claim 63, wherein said catalog page represents a display page for a product that displays a plurality of merchants who are offering said product.

Art Unit: \*\*\*



65. The method of claim 64, wherein said catalog page also displays pricing information for said product by said plurality of merchants.

5 66. The method of claim 55, wherein said generating step b) generates a score for said document in accordance with at least one click type.

67. The method of claim 66, wherein said at least one click type comprises a preferred merchant click type that represents clicks made with a preferred  
10 merchant.

68. The method of claim 66, wherein said at least one click type comprises a mapped catalog click type that represents clicks of a product that is associated with a catalog page.

15

69. The method of claim 61, further comprising the step of:  
d) applying a usage function to said score.

70. The method of claim 66, further comprising the step of:  
20 c) computing a configuration parameter for each of said at least one click type, wherein said score is generated in accordance with said configuration parameter and said at least one click type.

71. The method of claim 70, wherein said score is generated in accordance  
25 with:

$$\text{HotScore}_{k,p} = \sum (\alpha_{k,t,T(t)} C_{k,p,t})$$

where  $C_{k,p,t}$  is a number of said at least one click type  $t$ 's occurrence for said search term  $k$  on said document  $p$ , and  $\alpha_{k,t,T(t)}$  is said configuration parameter.

30 72. A computer-readable medium having stored thereon a plurality of instructions, the plurality of instructions including instructions which, when executed by a processor, cause the processor to perform the steps comprising of:

Art Unit: \*\*\*

32



a) gathering click information associated with said document; and

b) generating a score for said document, wherein said score is generated in accordance with said click information.

5     73.     The computer-readable medium of claim 72, wherein said score is applied to effect placement of said document within a listing order of said search result set.

74.     The computer-readable medium of claim 72, further comprising the step  
10     of:  
         c) adjusting said score to account for passage of time.

75.     The computer-readable medium of claim 72, further comprising the step  
of:  
15           c) adjusting said score to account for positioning of said document within a listing order of said search result set.

76.     The computer-readable medium claim 72, further comprising the step of:  
         c) adjusting said score to account for a specific knowledge of said  
20     document.

**Claim 97 (Previously presented): The method of claim 1, wherein generating includes selecting a configuration for generating the score.**

10     98.     The method of claim 55, wherein a configuration for generating said score is selectable.

Art Unit: \*\*\*

Claim 99 (Previously presented): The method of claim 1, wherein the sales information comprises at least one merchant/product identification pair associated with the search term, each of the at least one merchant/product identification pair pertaining to a product purchased subsequent to return of the search result set.

Claim 100 (Previously presented): The method of claim 99, further comprising categorizing the at least one merchant/product identification pair into at least one type; and eliminating at least one merchant/product identification pair deemed to be low confidence.

Claim 101 (Previously presented): The method of claim 1, wherein generating a score comprises selecting a formula emphasizing a scoring strategy

from a plurality of formulas, each of the plurality emphasizing a different scoring strategy.